**CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION**
**OFFICE OF THE STATE FIRE MARSHAL**
**FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM**

# LISTING SERVICE

**LISTING No.** 7230-1580:100 

**CATEGORY:** Mechanical Heat Detector

**LISTEE**: Triad Safety Systems, Inc., 4595 Airport Rd, Kearney, NE 68847
Contact: Gary T. McGee (308) 236-7062 *FAX (308) 236-7690

**DESIGN**: Model TRI 70 mechanically operated single station thermostatic heat detector. Unit consists of a spring mechanism, gear hammer and stripper assembly, an eutectic element, inner and outer covers, and a target to indicate loss of operating power, with a fixed temperature rating of $117^0$ F, $136^0$ F or $175^0$ F. Refer to listee's data sheet for detailed product description and operational considerations.

**INSTALLATION**: In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.

**MARKING**: Listee's name, model number and UL label.

**APPROVAL**: Listed as a single-station mechanical heat detector for residential use when complemented by a smoke detector installed in each separate sleeping area. Refer to Section 310.9.1, 1998 California Building Code and Chapter 2 of NFPA 72, 1999 Edition with California amendments.

**NOTE**: Mechanical heat detectors do not replace required smoke detectors in residential occupancies.

**XLF**: 7230-1563:100

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*Authorized By:* ***DIANE K. AREND**, Senior Deputy Program Manager*